

ANSWER SHEET

MATHS (STD 6)

1. A	8. D	15. C
2. C	9. B	16. A
3. B	10. C	17. D
4. B	11. C	18. C
5. C	12. D	19. B
6. D	13. A	20. C
7. A	14. B	

SECTION B

21. (a) $3\frac{1}{7} + 2\frac{2}{3}$

$= 5\frac{3+14}{21}$

2 marks

$= 5\frac{17}{21}$

1 mark

(b) Find the HCF of the following numbers using continued division method 160 and 190

5	160	190	1	1 mark
	150	160		
	10	30	3	1 mark
		30		
		0		1 mark

HCF 10 total 3

(c)
$$\begin{array}{r} 6\ 5\ 4\ 8 \\ \times 3\ 1\ 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3\ 2\ 7\ 4\ 0 \\ 6\ 5\ 4\ 8 \\ \hline \end{array}$$

1 mark

$$\begin{array}{r} 6\ 5\ 4\ 8 \\ + 1\ 9\ 6\ 4\ 4 \\ \hline \end{array}$$

1 mark

$$\begin{array}{r} 2\ 0\ 6\ 2\ 6\ 2\ 0 \\ \hline \end{array}$$

1 mark

1 mark

22. (a) Working

2 bags maize at K365 / bag = $2 \times 365 = 730.00$

5kg beans at K115. 50 / kg = $5 \times 115.00 = 577.50$

3 bags fertilizer at K3450 / bag = $3 \times 3450 = 10350.00$

2 hoes at K185. 80 each = $2 \times 185.50 = 371.6$

$= 12029.10$

2 marks each step = 8 marks

(b) Received = 12500. 00

Total bill = 12029. 10

2 marks 470. 90



23. (a) Number of eggs = 30

(i) Number of good eggs = 20

Number of bad = 30 eggs

- 20 good eggs

10 bad

2 marks

(ii) Ratio of good eggs to bad eggs

= 20 to 10

= 20 : 10

= 2 : 1

2 marks

(b) Given = 4000 brick in 10 days

= in 1 day = $\frac{4000}{10}$

10

Bricks = 400 / day

= 400 per day

3 marks

$$(c) 2 \frac{2}{5} \times 5 \frac{1}{4}$$

$$= \frac{12}{5} \times \frac{21}{4}$$

$$= \frac{3 \times 21}{5}$$

$$= \frac{63}{5}$$

$$= 12 \frac{3}{5}$$

3 marks

24. (a) Copying and completing

K t	K	Tambala
183 40	183. 40	18340
a.	79. 83	7983
b.	980. 56	c.
8924 38	d.	892438

(a) K79. 83 1 mark

(b) K908 56t 1 mark

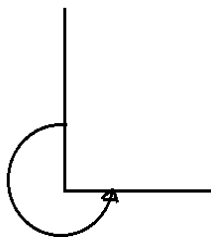
(c) 90856 t 1 mark

(d) K8924. 38 1 mark = 4 marks

$$\begin{array}{r}
 4862 \\
 \underline{236} \overline{) 1, 147432} \\
 \underline{944} \\
 2034 \\
 \underline{- 1888} \\
 1463 \\
 \underline{1416} \\
 472 \\
 \underline{472} \\
 0
 \end{array}$$

(b)





(c)

1 mark

25. (a) Writing in words

5692432

5, 000, 000 = five million

692 000 = six hundred ninety two thousand

400 = four hundred

30 = thirty

2 = two

5692432 = five million, six hundred ninety two thousand, four hundred thirty two

3 marks

(b) LCM 18 and 24

2	18	24
2	9	12
2	9	6
3	9	3
3	3	1
	1	1

$$\text{LCM} = 2 \times 2 \times 2 \times 3 \times 3 = 72$$

3 marks

(c) Changing K61. 21t to Kwacha only

= K61. 21

1 mark

(d) Lowest term

12: 9

4: 3

3 marks

26. (a) 3 8 9 4 9 7 5

1 2 1 0 0 2 4

1 0 1 4 0 1

1 2 0 0 1 7 0

+ 1 0 0 0 0 0 0

7 4 0 6 5 7 0

4 marks

DAYS	No of Pupils	Pictures
Sunday	18	
Monday	14	
Tuesday	16	
Wednesday	12	
Thursday	10	

(b)

(c) 19. 3290 to 1 decimal place

= 19. 3 2 9 0

= 19. 3

1 mark

THE END!!!!

